FIG. 1

1 MePVdprLEPWkHPGSQPktactnC

YCKkCCfhhCqvCFttKgLgISYGRK

60 70 KRRQRrrapqdSqthQvsLsKq

FIGURE 2A

Bam HI Şst I GAG CTC TAC AAA TCC GGG GAT CCG GGT GAA GAT CCG CGT TTA Glu Leu Tyr Lys Ser Gly Asp Pro Gly Glu Asp Pro Arg Leu Xma I Şma I GAG CCG TGG AAA CAC CCG GGT TCT GGT TCT GTT GAC CCT AAC Glu Pro Trp Lys His Pro Gly Ser Gly Ser Val Asp Pro Asn 20 15 BspM II CTT GAA CCT TGG AAG CAT CCT GGC AGC TCC GGA GTC GAT CCC Leu Glu Pro Trp Lys His Pro Gly Ser Ser Gly Val Asp Pro 35 30 Xho I AAA CTC GAG CCC TGG AAA CAC CCC GGA AGT TCG GGG GTA GAC Lys Leu Glu Pro Trp Lys His Pro Gly Ser Ser Gly Val Asp PfiM I Nco I CCA TCT CTG GAA CCA TGG AAG CAT CCA GGG AGT GGT AGC GTG Pro Ser Leu Glu Pro Trp Lys His Pro Gly Ser Gly Ser Val 65 60 Xma I Sma I AAT CCG TCA TTA GAG CCG TGG AAA CAC CCG GGT TCA TCT GGA

AAT CCG TCA TTA GAG CCG TGG AAA CAC CCG GGT TCA TCT GGA Asn Pro Ser Leu Glu Pro Trp Lys His Pro Gly Ser Ser Gly 75

GTT GAT CCT CGC TTG GAA CCT TGG GAG CAT CCT GGT TCG TCC Val Asp Pro Arg Leu Glu Pro Trp Glu His Pro Gly Ser Ser 85 90 95

GGT GTA GAC CCC CGA CTT GAG CCC TGG AAT CAC CTC GGG AGT Gly Val Asp Pro Arg Leu Glu Pro Trp Asn His Leu Gly Ser 100 105

FIGURE 2B

TCA GGC GTA GAT CAT CGG CTC GAA CCA TGG AAA CAT CCA GGT Ser Gly Val Asp His Arg Leu Glu Pro Trp Lys His Pro Gly 115 120 125

Alwn I

PfiM I Bgl II OxaN I

TCT GGA GAT CTG CGC CAG CGG CGA CGT ACT CCT CAG GAT TC

TCT GGA GAT CTG CGC CAG CGG CGA CGT ACT CCT CAG GAT TCT Ser Gly Asp Leu Arg Gln Arg Arg Arg Thr Pro Gln Asp Ser 130 135 140

Nar I
Tth I Bbe I Oxan I

GGA TCT GGA CAA CGT CGG CGC CCT CCC CAA GAC TCC TCA GGA Gly Ser Arg Gln Arg Arg Pro Pro Gln Asp Ser Ser Gly 145 150

CGG CAG CGC CGA CGA CCC CCA CAG GGT TCA GGT TCA CGT CAA Arg Gln Arg Arg Pro Pro Gln Gly Ser Gly Ser Arg Gln 155 160 165

Tth I

CGA CGC GGT CCA CCC CAA GGC TCG GGT TCG CGC CAG CGA CGA Arg Arg Gly Pro Pro Gln Gly Ser Gly Ser Arg Gln Arg Arg 170 175 180

Aat II Tth I

CGT CCG CCT CAG AAC TCT AGT GGA CGA CAA CGT CGG CGC TCT Arg Pro Pro Gln Asn Ser Ser Gly Arg Gln Arg Arg Arg Ser 185 190 195

CCC CAA GAT TCC GGC GGG CGG CAG CGC CGT CGA TCA CCA CAG Pro Gln Asp Ser Gly Gly Arg Gln Arg Arg Arg Ser Pro Gln 200 205 210

AAC TCA GGT GGG CGT CAA CGA CGC CGG ACT CCG CAA TCT TCA Asn Ser Gly Gly Arg Gln Arg Arg Arg Thr Pro Gln Ser Ser 215 220

Xma III

TCC GGC CGC CAG CGG CGA CGT GCC CAT CAG AAT AGC GGC AGC Ser Gly Arg Gln Arg Arg Ala His Gln Asn Ser Gly Ser 235

FIGURE 2C

| Tth | | | BssH II | | | | | | | | | | |
|------------|------------|------------|------------|------------|-----|------------|------------|------------|------------|------|------------|------------|------------|
| CGA | CAA | CGT | CGG | CGC | GCA | CAC | CAA | GAC | AGC | AG | r GG(| G CG | G CAG |
| Arg | Gln 240 | Àrg | Arg | Arg | Ala | His 245 | Gln | Asp | Ser | Ser | G1y 250 | Arg | Gln |
| CGC | ССТ | CGA | GCG | CCT | GAA | GAT | AGT | GGT | TCT | CGT | CAA | CGA | CGC |
| Arg | Arg | Arg 255 | Ala | Pro | Glu | Asp | Ser 260 | Gly | Ser | Arg | Gln | Arg 265 | Arg |
| | BspMII | | | | | | | | | | ApaLI | | |
| CGG | GCT | ccc | CCT | GAC | AGC | TCC | GGA | CGC | CAG | CGG | CAA | CGT | GCA |
| Arg | Ala | Pro | Pro 270 | Asp | Ser | Ser | Gly | Arg 275 | Gln | Arg | Gln | Arg | Ala 280 |
| | | | | OxaNI | | | | | | | | • | |
| CCA | GAT | AGT | TCC | TCA | GGT | CAT | CAC | CAC | CAT | CAT | CAC | TA | AATA |
| Pro | Asp | Ser | Ser | Ser 285 | Gly | His | His | His | His 290 | His | His | | |
| Ecol | RI | Bam | ні | Xba | I | | Sa: | lI | Hi: | nd I | II | | |
| GAA | TTC | GGA | TCC | TCT | AGA | GTC | GAC | AAG | CTT | | | | |
| Glu | Phe | Gly 295 | Ser | Ser | Arg | Val | Asp | Lys | Leu | | | | |